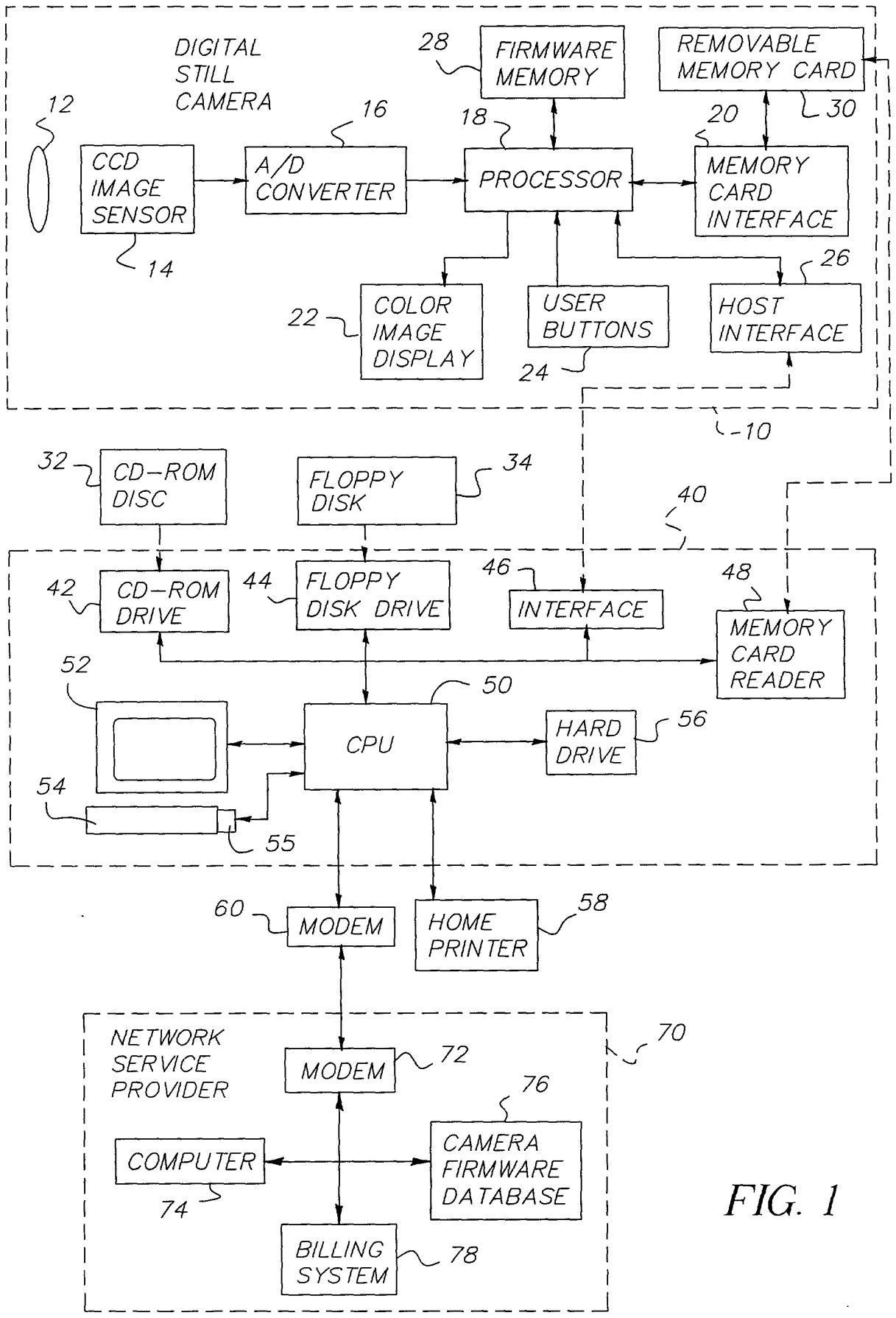
DIGITAL STILL CAMERA
12
CCD IMAGE SENSOR
14
16
A/D CONVERTER
18
PROCESSOR
28
FIRMWARE MEMORY
REMOVABLE MEMORY CARD
30
20
MEMORY CARD INTERFACE
26
HOST INTERFACE
22
COLOR IMAGE DISPLAY
USER BUTTONS
24
10
32
CD-ROM DISC
FLOPPY DISK
34
40
42
CD-ROM DRIVE
44
FLOPPY DISK DRIVE
46
INTERFACE
48
MEMORY CARD READER
52
50
CPU
HARD DRIVE
56
54
55
60
MODEM
HOME PRINTER
58
NETWORK SERVICE PROVIDER
70
MODEM
72
76
COMPUTER
74
CAMERA FIRMWARE DATABASE
BILLING SYSTEM
78

FIG. 1

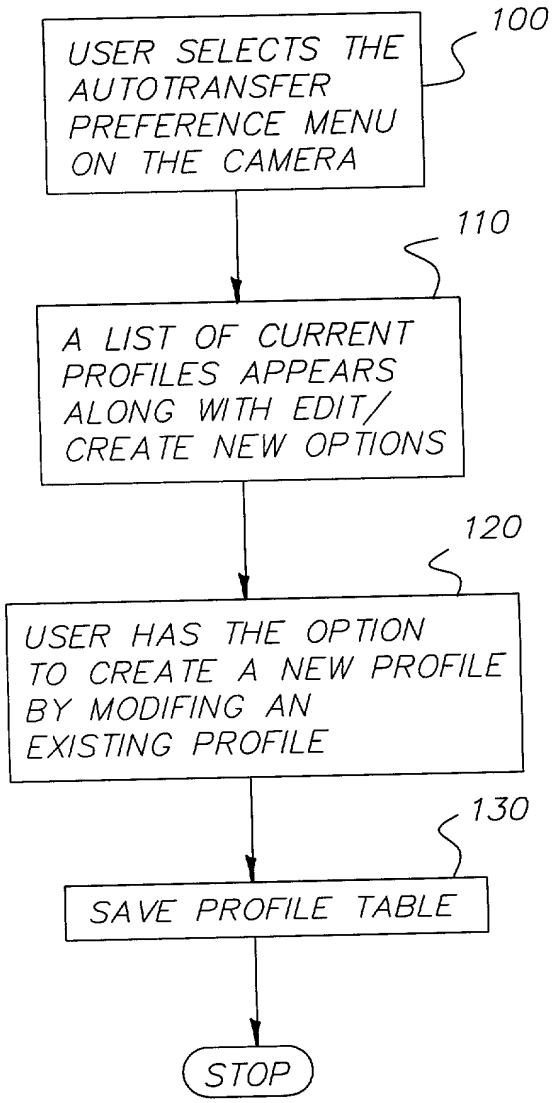
USER SELECTS THE AUTOTRANSFER PREFERENCE MENU ON THE CAMERA
100
A LIST OF CURRENT PROFILES APPEARS ALONG WITH EDIT/ CREATE NEW OPTIONS
110
USER HAS THE OPTION TO CREATE A NEW PROFILE BY MODIFING AN EXISTING PROFILE
120
SAVE PROFILE TABLE
130
STOP

FIG. 2A

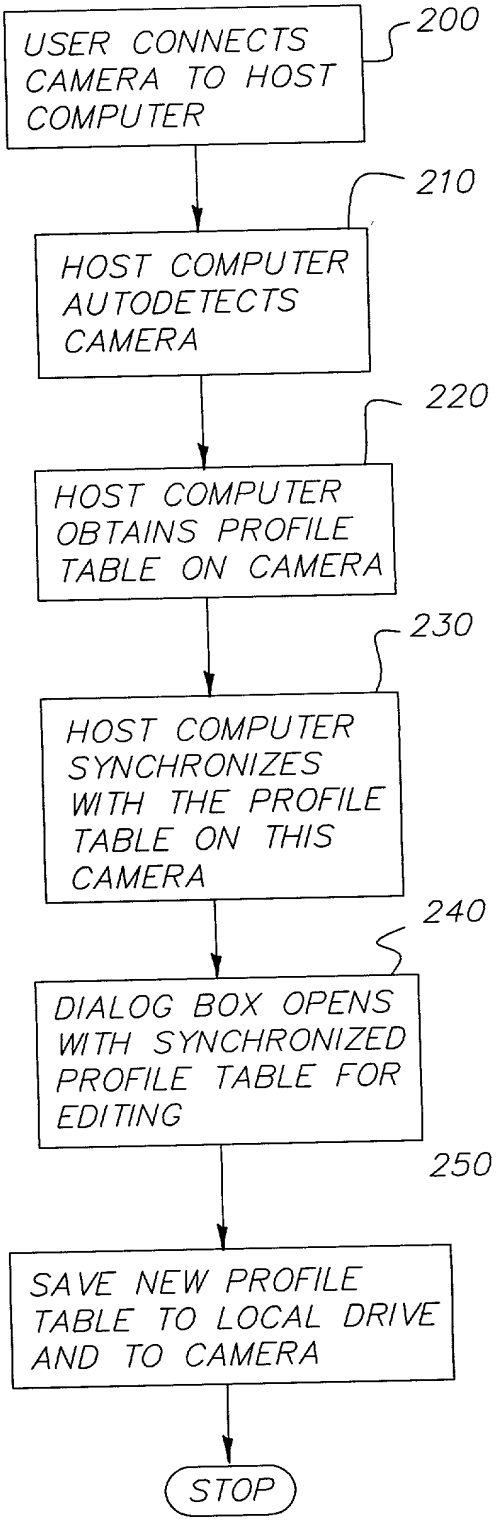
USER CONNECTS CAMERA TO HOST COMPUTER
200
HOST COMPUTER AUTODETECTS CAMERA
210
HOST COMPUTER OBTAINS PROFILE TABLE ON CAMERA
220
HOST COMPUTER SYNCHRONIZES WITH THE PROFILE TABLE ON THIS CAMERA
230
DIALOG BOX OPENS WITH SYNCHRONIZED PROFILE TABLE FOR EDITING
240
SAVE NEW PROFILE TABLE TO LOCAL DRIVE AND TO CAMERA
250
STOP

FIG. 2B

```
1   PROFILE NAME: JOHN HOME USE
2   LOCAL OPTIONS
3       DESTINATION:                c:\SAM'S 1st BIRTHDAY
4       RESOLUTION:                 LOW
5       FILENAME PREFACE:           SAM'S 1 BDAY
6       FILENAME SUFFIX:            01
7       IMAGE FORMAT:               JPEG
8       RUNAPP:                     c:\PROGRAM FILES\PHOTODELUXE [-LOADING]
9       NOTIFY END TRANSFER:        AUDIBLE
10      ERASE AFTER TRANSFER:       YES
11
12  NETWORK OPTIONS
13      DESTINATION: FTP://FTP.KODAK.PHOTONET/WASULA/ALBUM/SAM'S 1st BIRTHDAY
14      RESOLUTION:                 HIGH
15      FILENAME PREFACE:           SAM'S 1 BDAY
16      FILENAME SUFFIX:            01
17      IMAGE FORMAT:               JPEG
```

FIG. 3A

```
1    PROFILE NAME:  TRIP TO DISNEY
2    LOCAL OPTIONS
3            DESTINATION:                c:\ ← DISNEY TRIP 2000
4            RESOLUTION:                 HIGH
5            FILENAME PREFACE:           DISNEY 2000
6            FILENAME SUFFIX:            01
7            IMAGE FORMAT:               JPEG
8            RUNAPP:                     c:\PROGRAM FILES\ADOBE\PHOTOSHOP5.EXE
9            NOTIFY END TRANSFER:        AUDIBLE
10           ERASE AFTER TRANSFER:       NO
11
12   NETWORK OPTIONS
13           DESTINATION:
14           RESOLUTION:
15           FILENAME PREFACE:
16           FILENAME SUFFIX:
17           IMAGE FORMAT:
```

FIG. 3B

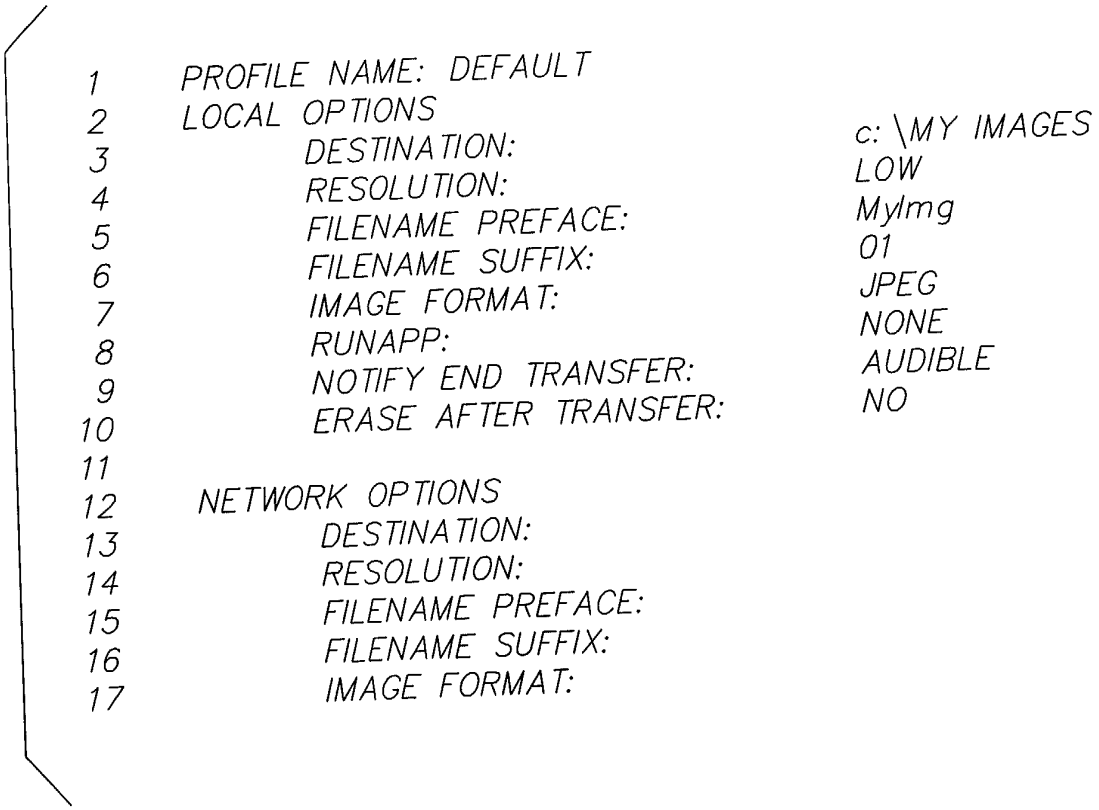
1 PROFILE NAME: DEFAULT
2 LOCAL OPTIONS
3 DESTINATION: c:\MY IMAGES
4 RESOLUTION: LOW
5 FILENAME PREFACE: MyImg
6 FILENAME SUFFIX: 01
7 IMAGE FORMAT: JPEG
8 RUNAPP: NONE
9 NOTIFY END TRANSFER: AUDIBLE
10 ERASE AFTER TRANSFER: NO
11
12 NETWORK OPTIONS
13 DESTINATION:
14 RESOLUTION:
15 FILENAME PREFACE:
16 FILENAME SUFFIX:
17 IMAGE FORMAT:

FIG. 3C

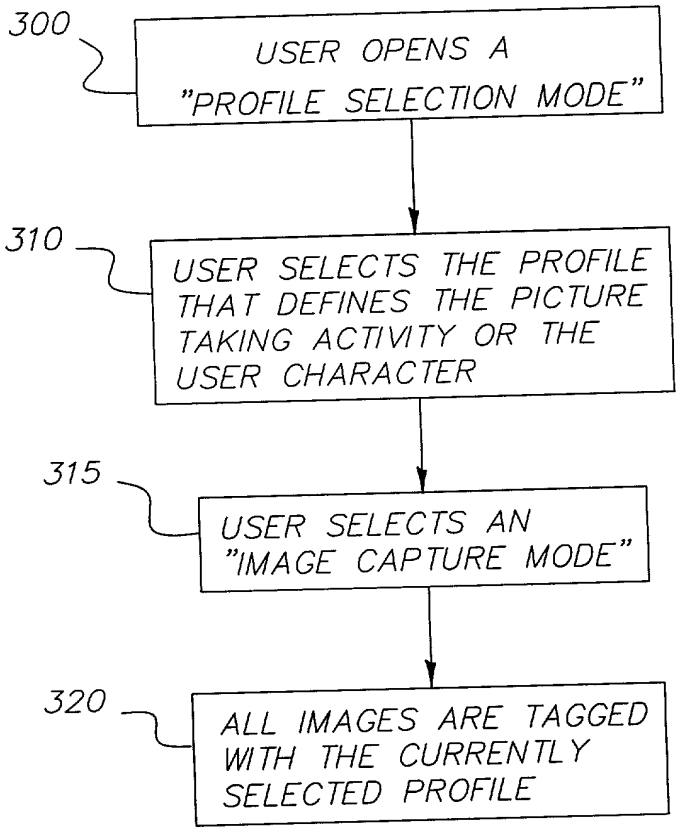
300
USER OPENS A "PROFILE SELECTION MODE"
310
USER SELECTS THE PROFILE THAT DEFINES THE PICTURE TAKING ACTIVITY OR THE USER CHARACTER
315
USER SELECTS AN "IMAGE CAPTURE MODE"
320
ALL IMAGES ARE TAGGED WITH THE CURRENTLY SELECTED PROFILE

FIG. 4

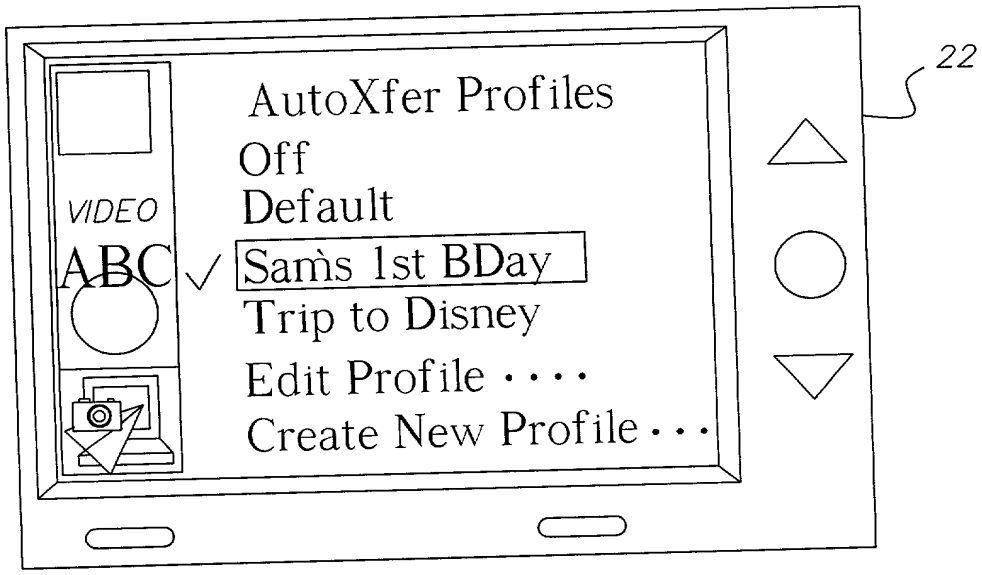
22
AutoXfer Profiles
Off
Default
VIDEO
ABC
Sams 1st BDay
Trip to Disney
Edit Profile ····
Create New Profile ···

FIG. 6

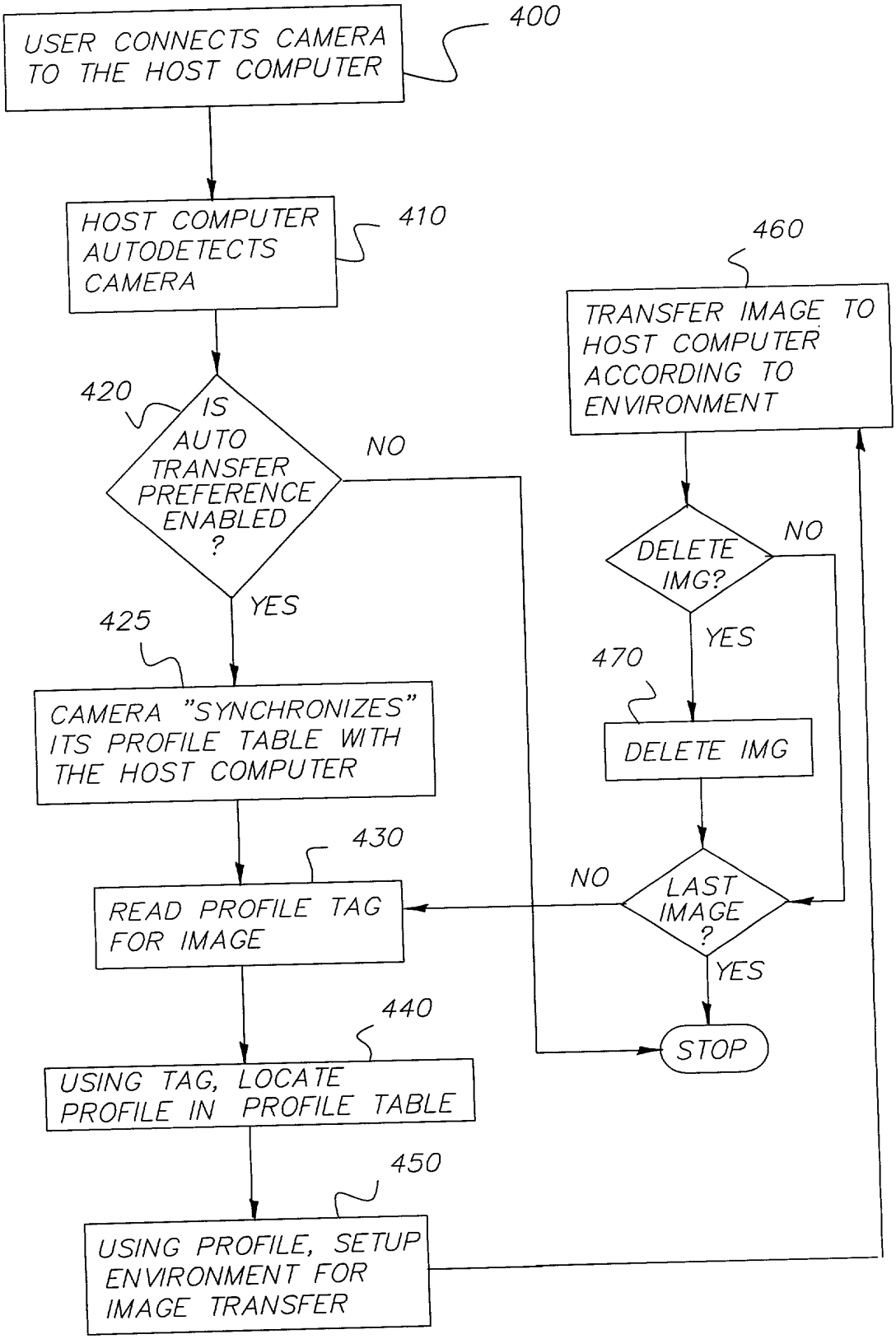
USER CONNECTS CAMERA TO THE HOST COMPUTER
400
HOST COMPUTER AUTODETECTS CAMERA
410
IS AUTO TRANSFER PREFERENCE ENABLED ?
420
NO
YES
CAMERA "SYNCHRONIZES" ITS PROFILE TABLE WITH THE HOST COMPUTER
425
READ PROFILE TAG FOR IMAGE
430
USING TAG, LOCATE PROFILE IN PROFILE TABLE
440
USING PROFILE, SETUP ENVIRONMENT FOR IMAGE TRANSFER
450
TRANSFER IMAGE TO HOST COMPUTER ACCORDING TO ENVIRONMENT
460
DELETE IMG?
NO
YES
DELETE IMG
470
LAST IMAGE ?
NO
YES
STOP

FIG. 5